

CLAIMS

1. A resin fuel pipe of multilayer construction comprising:  
a pipe body made of a thermoplastic resin;  
a first heat-resistant, protective resin layer made of a foam thermoplastic elastomer and coating the pipe body; and  
a second heat-resistant, protective resin layer made of a fire-retardant thermoplastic elastomer and coating the first heat-resistant, protective resin layer.
2. The resin fuel pipe according to claim 1, characterized in that the pipe body and the first heat-resistant, protective layer are bonded together with an adhesive layer.
3. The resin fuel pipe according to claim 2, characterized in that the adhesive layer has a thickness of 0.5 m or below.
4. The resin fuel pipe according to any one of claims 1 to 3, characterized in that the first heat-resistant, protective resin layer has a thickness of 3.0 mm or below.
5. The resin fuel pipe according to claim 4, characterized in that the first heat-resistant, protective resin layer is made of a fire-retardant foam thermoplastic elastomer.
6. The resin fuel pipe according to claim 1, characterized in that the second heat-resistant, protective resin layer has a thickness of 5.0 mm or below.
7. The resin fuel pipe according to any one of claims 1 to 3, 5 and 6, characterized in that the pipe body is a single-wall pipe of a polyamide resin.
8. The resin fuel pipe according to any one of claims 1 to 3, 5 and 6, characterized in that the pipe body is a multiple-wall pipe including at least one polyamide resin wall and at least one barrier layer of a resin having low permeability.
9. The resin fuel pipe according to claim 1, characterized in being used as an automotive fuel pipe.